

Notice of Allowability	Application No.	Applicant(s)	
	09/934,729	ADAMS ET AL.	
	Examiner	Art Unit	
	Peter P Nerbun	3765	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 30 April 2004.
2. ☒ The allowed claim(s) is/are 1,5-18 and 20-49.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

In accordance with MPEP 1302.04, the following obvious errors have been corrected:

In claim 5, line 1, "Claim 4" has been changed to --Claim 1-- since claim 4 has been cancelled.

In claim 34, line 21, "expressed" has been changed to --expresses-- to correct a grammatical error.

The following is an examiner's statement of reasons for allowance:

Claim 1 and its dependent claims are allowed because claim 1 specifically requires an automated process for coloring a superpixel, defined within a computer aided design system, including the steps of determining color component values of a set of process colors and the color component values of a target color, wherein said color component values of said process colors, as defined, include an accommodation for the reflectivity of an absorbent substrate, and defining a combination of said process colors that when blended together will produce said target color.

Claim 18 and its dependent claims are allowed because claim 18 specifically requires a process for coloring a superpixel using a pre-defined set of process colors, for use in coloring a pattern area on an absorbent substrate having a specified color comprising the steps of defining color component values of said process colors, wherein

Art Unit: 3765

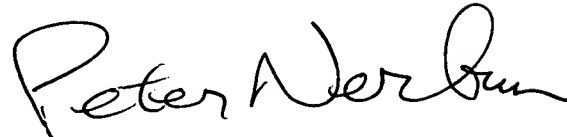
color component values include an accommodation for the reflectivity of said absorbent substrate, and defining a combination of said process colors of specified concentrations to be assigned to said superpixel, that when blended together, will produce said target color.

Claim 34 and its dependent claims are allowed because claim 34 specifically requires a process for reproducing a target color in pixel-wise fashion on an absorbent substrate using a pre-defined set of process colorants, said process comprising the steps of specifying color component values of each process color represented by said set of process colorants, in combination with color component values associated with said absorbent substrate, specifying a target color in terms of a blend of process colorants, said blend being specified by concentration values of component process colorants, and determining appropriate proportions of said component process colorants to be applied to individual pixels of a superpixel to form a process colorant blend that expresses said target color.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Peter Nerbun

May 18, 2004


Peter Nerbun
Primary Examiner